



STDN DAILY REPORT  
FOR GMT DAYS  
18, 19 AND 20 DECEMBER 2000

Part I. Operations

18 DECEMBER

A. SN Anomalies:

1. EO-1 Support 18/1600-1623Z

EO-1 experienced a late acq, due to an NCC Scheduling error. NCC corrected the error by rescheduling the SHO on the WSGT WDISC. EO-1 was able to get commands through and acquired data. TTR # 23340

275 1600-1636Z SSA2F/R 23 Min. Svc/Data Loss (Recov)

B. ISS/ECOMM Anomalies - None.

C. GN Anomalies:

1. AGS/WIRE Support 18/0411-0412Z

The TPCE loss connection, the operator re-established connection with no further problems. TTR # 23339  
CDS ID # 17721

0411-0423Z 1 Min 30Sec. Svc/Data Loss (Recov)

2. SGS/QST Support 18/1556-1630Z

The ATS commanded PTP to Start, clock was not present. The Operator reset the Master Computer Node and PTP to restore the clock. TTR # 23341 CDS ID # 17726

## 1558-1612Z 14 Min. Svc/Data Loss (Non-Recov)

### 19 DECEMBER

#### A. SN Anomalies:

##### 1. HST Support Anomaly

19/1429-1525Z

HST POCC unable to send commands VIA their C-STRING.  
Nascom reported a problem with a router located in BLDG. 23.  
TTR # 23344

TDW 1429-1445Z SSA1F 15 Min. 19 Sec..Svc Loss (Cmd only)  
TDE 1404-1556Z SSA1F 20 Min. 29 sec. Svc Loss (Cmd only)

#### B. ISS/ECOMM Anomalies - None.

#### C. GN Anomalies: - None.

### 20 DECEMBER

#### A. SN Anomalies:

##### 1. WSGT/LSAT-7 Support

20/1408-1423Z

Good lock at WSGT for the entire event. However, LSAT POCC was configured to LIPPS-2 while WSGT was configured LIPPS-1. The POCC configured to LIPPS-1 for lock at 14:15:41 and later requested WSGT to configure LIPPS-2 (14:19 with lock at 14:21:27). No direction was received during the pre-event briefing to re-configure for LIPPS-2.

Post Event, The POCC expected LIPPS-2 to be configured prime since day 348 15:40 (LIPPS-2 test event). However, WSGT normalized to LIPPS-1 at the end of that event. No

formal direction was received to configure LIPPS-2 as prime.

WSC OS note: No documentation has been received to leave Landsat configured on LIPPS-2. The standard configuration is LIPPS-1. AN ISI for this configuration change is required.

TTR # 23346

275 MAR-2 7 Min 41 Sec Data Loss (Recov)

B. ISS/ECOMM Anomalies - None.

C. GN Anomalies :

1. AGS/AM-1 Support 20/2344-2356Z

Project was unable to get commands to the S/C and the only X-band coming down was clock with no data. Project reported, they were having some type of configuration problems. Due to a quick turnaround to the support at AGS (less than 5 min). TTR # 23345 CDS ID # 17735

12 Min Svc/Data Loss (Non-Recov)

2. SGS/EO1 Support 20/1122-1125Z

The station noticed bad X-band data being monitored on the DQM. EO1 MOC was notified. Station changed to S-band autotrack. At PCA from then on the Project received good X-band data. Post pass tracking analysis showed fluctuating X-band signal from 11:22:00Z - 11:25:00. TTR # 23347 CDS 1771

1181-1132Z 3 Min. Service/Data Loss Recoverable (Unknown)

3. SGS/LSAT-7 Support 19/1037-1041Z

Landsat reported that the 4 min. 31 sec of the 256KB dump contained 3hours 53 min 02 sec of 256k data. From 354/03:41:36Z - 354/07:34:38Z. TTR# 23348 CDS ID # 17739

## Part II. Testing Anomalies

A. SN Test: - None.

B. GN Test

1. Norway SKS Terra GSIP 18/1530-1630 ZKNOC/SKS/Ebnet/  
Command Data Capture Test ERPS/EMOS/FOT/  
NCC/NISN

Objectives: A. Verify the ERPS to SKS Terra GN command interface and station command circuits using Terra command data sent from the EOC via ERPS and captured by the SKS GN station.  
B. Verify the SKS Terra prime and backup GSIP systems for spacecraft operations.

Results: Objective Partially Met

Remarks: A. The EOC sent single and blocks of commands to the SKS Terra prime and backup GSIP systems that were processed and sent to the command modulator for a simulated uplink.  
B. The ERPS verified commands were being received by the SKS GSIP.  
C. The SKS test system could not capture the test commands to files that could be sent back to the EOC for comparison with the commands sent with a post-test command analysis.  
D. The ERPS TD will issue a separate test report on this test.  
E. This test will be rescheduled at a later date.

## Part III. Equipment Status Changes :

WPS 904: LRSA:02-L6, Satan Rec Antenna #2, R 12170200Z,  
ETRO 12222359Z. Have done a temporary work  
around on shorted cable. System working until  
main problem can be fixed.

#### Part IV. Scheduled Activities:

EO-1 MGS X-BAND Engineering Test 21/1945-2038Z

#### Part V. Launch Forecast Changes

M2098LS (STS-98/ISS-07,5A) NET 18 JAN.,2001 T-0=0736:34Z